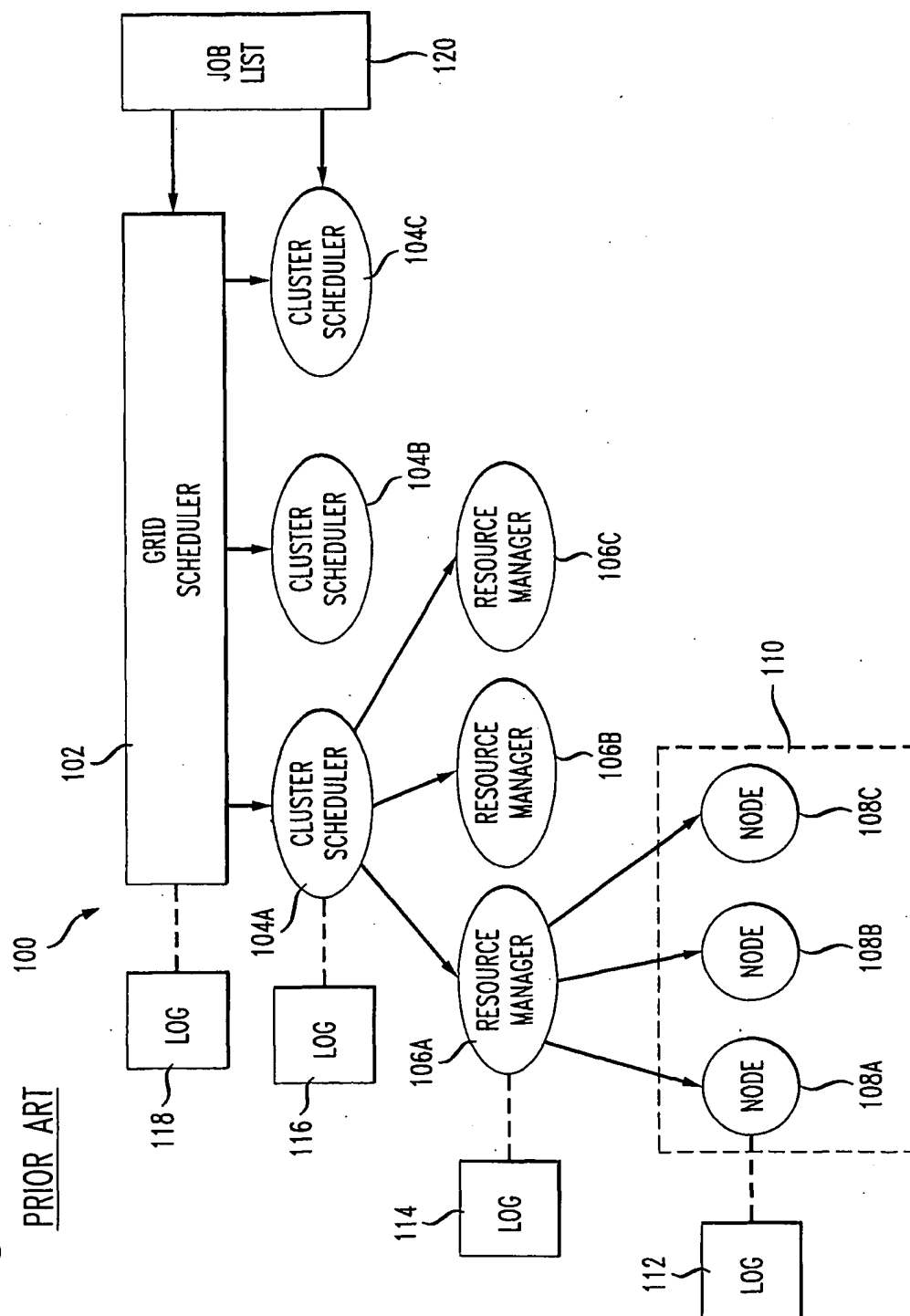
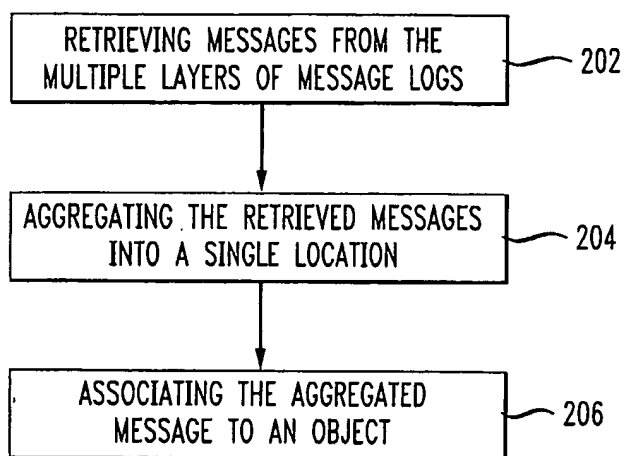


FIG. 1

PRIOR ART



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*FIG. 2*

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FIG. 3A

300

300

☒ **NODES** - □ X

**Options** [Icon] [Icon] [Icon] [Icon] [Icon]

**Display**

- ☐ Summary
- ☐ Description
- ☐ Configured Resources
- ☐ Usage Limits
- ☐ Allocated Priority
- ☐ Diagnostics
- ☐ Comments

Node ID	State	Comments
opt-001	Running	
opt-004	Running	
opt-006	Running	
opt-013	Running	
x86-096	Idle	
P690-001	Idle	
opt-089	Down	Offline for maintenance
opt-002	Busy	Low On Memory
opt-003	Busy	
opt-005	Busy	
opt-008	Busy	Low On Disk Space
opt-009	Busy	
opt-010	Busy	
opt-011	Busy	
opt-012	Busy	
opt-014	Busy	
opt-015	Busy	
opt-016	Busy	
opt-017	Busy	
opt-018	Busy	Reserved for Mr. Taylor
opt-019	Busy	
opt-020	Busy	
opt-021	Busy	
opt-022	Busy	Replace motherboard
opt-023	Busy	
opt-024	Busy	
opt-025	Busy	Processor Fan needs to be re
opt-026	Busy	
opt-027	Busy	
opt-028	Busy	

☒ Fit-To-Screen [Apply] [Close]

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FIG. 3B

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☒ Reservations [-] [ ] [X]

Options [ ] [ ] [ ] [ ] [ ]

Display

- ☐ Summary
- ☐ Credentials
- ☐ Time
- ☐ Resources
- ☐ Required Resources
- ☐ Flags
- ☐ Nodes
- ☐ Statistics
- ☐ Diagnostics
- ☐ Comments
- ☐ Tasks
- ☐ Identification
- ☐ Trigger

Name	Messages	Type
13790	<input checked="" type="checkbox"/> High Priority	Job
13937	<input checked="" type="checkbox"/>	Job
13904	<input checked="" type="checkbox"/>	Job
13542	<input checked="" type="checkbox"/>	Job
12950	<input checked="" type="checkbox"/>	Job
13047	<input checked="" type="checkbox"/>	Job
13067	<input checked="" type="checkbox"/>	Job
13854	<input checked="" type="checkbox"/>	Job
13668	<input checked="" type="checkbox"/>	Job
13283	<input checked="" type="checkbox"/>	Job
13284	<input checked="" type="checkbox"/>	Job
13477	<input checked="" type="checkbox"/> Low Priority	Job
13954	<input checked="" type="checkbox"/>	Job
13680	<input checked="" type="checkbox"/>	Job
13558	<input checked="" type="checkbox"/>	Job
13030	<input checked="" type="checkbox"/> Data needs to be emailed t...	Job
13732	<input checked="" type="checkbox"/>	Job
13574	<input checked="" type="checkbox"/>	Job
13697	<input checked="" type="checkbox"/>	Job
13914	<input checked="" type="checkbox"/> Reservation Resource Viol...	Job
13771	<input checked="" type="checkbox"/>	Job
13099	<input checked="" type="checkbox"/>	Job
13748	Remember to record	Job
13953	<input checked="" type="checkbox"/>	Job
13173	<input checked="" type="checkbox"/> 312	Job
13822	<input checked="" type="checkbox"/> Required for Mr. Taylor to c...	Job
13939	<input checked="" type="checkbox"/>	Job
13948	<input checked="" type="checkbox"/>	Job
13811	<input checked="" type="checkbox"/>	Job
test.1	<input checked="" type="checkbox"/>	User

☒ Fit-To-Screen [Apply] [Close]



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FIG. 3C

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Modify User allendr Profile

View

Access   ?

Credential Access Resource Access

Access Information



User Name allendr

Account Access List Engineering ☒

Default Account  ☒



QoS Account List  ☐



Default QoS  ☒



Limits & Fairness   ?



Job Usage Limits Fairness



Job Limits

Max Job   

Max Pro   

Max Proc Seconds   

Max Nodes   

Usage Statistics   ?



Utilized Versus Dedicated

Current Proc Second Historical Proc Second

Total Global Usage = 31,664.64

allendr = 3,365.82

3000  
3500  
2500  
2000  
1500  
1000  
500  
0

General Configuration   ?

Credits & Charging

General Attributes Email Address

Comments

Next Wednesday Allendr needs a higher priority to get his

Statistical Profiling

☒ Enable Profiling 322

☒ Fit-To-Screen

Modify Close

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FIG. 3D

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Jobs

Options

Display

- ☐ Summary
- ☐ Credentials
- ☐ Time
- ☐ Host Information
- ☐ ID's
- ☐ Required Resources
- ☐ Utilized Resources
- ☐ Reservation
- ☐ Resource Manager
- ☐ Executable
- ☐ Priority
- ☐ Diagnostic
- ☐ Comments

Job ID	State	Messages
12960	Running	
13030	Running	
13047	Running	Memory Intensive Job
13067	Running	
13099	Running	
13173	Running	
13283	Running	
13284	Running	Mr. Taylors Job
13477	Running	
13542	Running	
13558	Running	
13574	Running	
13668	Running	
13680	Running	
13697	Running	
13732	Running	Mr. Taylors Job
13748	Running	
13771	Running	
13790	Running	
13811	Running	
13822	Running	
13854	Running	
13914	Running	Mr. Taylors Job
13919	Running	
13937	Running	
13939	Running	Interactive Job
13948	Running	
13953	Running	
13169	Idle	High Priority
13177	Idle	
13190	Idle	

☒ Fit-To-Screen

Apply Close